

# COMPOSITE SHOE

## BACKGROUND OF THE INVENTION

### 5 I. Field of the Invention

This invention relates generally to a composite shoe with replaceable cover and sole and, more specifically, to a shoe which allows free replacement of covers and soles for different occasions and can be easily cleaned, carried, disinfected, sun-dried as well as prevent from athlete's foot.

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### II. Description of the Prior Art

Heretofore, it is known to construct shoes comprising a cover piece and a sole piece.

Shoes of such construction connect the cover piece and the sole piece by sticking or sewing at the fringes. When purchasing shoes, consumers expect for the following

15 features: comfort, functions and artistic design. However, it is unlikely for a pair of shoes to meet all the needs. Consumers tend to purchase a variety of shoes for different occasions. For example, a pair of leather shoes is required for parties, sneakers are worn for exercise, and sandals are adopted for leisure. Shoes of this kind typically have only one function so that consumers usually have to spend a significant

20 amount of money on shoes.

It is also known to construct shoes having a desirable design but the shoe sole is too thin or too thick, leaving consumers a hard decision whether or not to purchase. It is also common that after having worn the shoes for a period of time, consumers are  
5 dissatisfied with the shoes, feeling that the soles are too hard or slippery. Getting rid of the shoes when they are brand new, however, is a waste of money and resource.

Further, human feet sweat easily, especially when closely covered by shoes. When the feet get sweaty, it is humid inside the shoes, making it susceptible to bacteria and  
10 likely to produce unpleasant odor. Since the cover piece and the sole piece of the shoes are stuck together, it is inconvenient to clean and air-dry the inside of the shoes. In rainy days, dirty raindrops get into the shoes, making wearers feel uncomfortable.

It is also common for the heretofore known shoe structure that whenever one piece of  
15 shoes is damaged, the whole pair has to be discarded, which causes increase of waste material and pollution of the environment.

The present invention improves on the heretofore known shoe structure by providing a composite shoe with replaceable shoe cover and sole.

## SUMMARY OF THE INVENTION

It is therefore a primary object of the invention to provide a composite shoe containing replaceable shoe cover and sole for different occasions and is made easy  
5 for cleaning, carrying, disinfecting and preventing from athlete's foot.

The present invention improves the heretofore known shoes by providing a composite shoe comprising sets of separate shoe cover and sole. A zipper is sewed at the fringes of the shoe cover and sole, and in the middle of the inner side of the shoe cover and  
10 sole are there fixing part and Velcro.

The composite shoe connects the shoe cover and sole by the zipper. Each set of the shoe cover and sole is designed for a specific occasion. The shoe cover and sole are replaceable to meet different needs and are made easy for cleaning, carrying,  
15 disinfecting, air-drying as well as preventing from athlete's foot. Moreover, the Velcro can fasten the two ends of the zipper to strengthen the shoe structure.

## BRIEF DESCRIPTION OF THE DRAWINGS

20 An embodiment of the invention will now be described by way of example only, with

reference to the accompanying drawing, in which:

FIG. 1 is an explosive view of a composite shoe constructed in accordance with the present invention;

5 FIG. 2 is an assembling view of the present invention;

FIG. 3 is an embodiment of a composite shoe in accordance with the present invention;

FIG. 4 is another embodiment of a composite shoe in accordance with the present invention.

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## **DESCRIPTION OF THE PREFERRED EMBODIMENT**

Referring to FIG. 1 and 2, the present invention provides a composite shoe comprising a shoe cover 1 and a shoe sole 2 with the following features:

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The shoe cover 1 and the shoe sole 2 are separate. Both at the fringes of the shoe cover 1 and the shoe sole 2 is there a zipper 3. The front end 31 and the rear end 32 of the zipper 3 meet together at one point, and the front end 31 and the rear end 32 are located in the middle of the inner side of the shoe cover 1 and the shoe sole 2. In the

20 middle of the inner side of the shoe cover 1 is there also a fixing part 11 that extends

outwards. A Velcro 112 on the shoe sole 2 corresponds to the fixing part11.

Referring to FIG. 3 and FIG. 4, the present invention puts together different sets of shoe cover 1 and shoe sole 2 with a zipper 3. For example, a wearer can put together a pair of leather shoes for parties with a leather shoe cover and a leather shoe sole. After the party, the leather shoe sole can be replaced with a hiking shoe sole for hiking activities. Alternatively, the leather shoe cover can be replaced with a sandal shoe cover to release the discomfort of feet. The replacement of shoe cover or shoe sole takes only 1 to 1.5 minutes.

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Since the shoe cover and the shoe sole are separate, the shoe cover and the shoe sole can be stacked up together for storage, saving space. Frequently used shoe covers and shoe soles can be put in cars, bags and luggage, easy for carrying around.

15 Further, the present invention can be taken apart by unzipping so that the shoe cover and the shoe sole can be separated and air-dried effectively, preventing from unpleasant odor, bacteria and athlete's foot.

In addition, the fixing part of the present invention is used to fasten the front end of the zipper, and the Velcro attaches the fixing part to the middle of the shoe sole so that

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the front end is fixed and the structure is strengthened. Since the shoe cover and the shoe sole are separate, either the shoe cover or the shoe sole, instead of the whole pair of shoes, can be replaced when damaged.

- 5 The zipper of the present invention can be made with water-resistant material, so that the shoes can be water-resistant. The cover and sole can be of any designs, models, material, for all ages and both sexes.

In summary, the present invention provides an advanced and practical shoe structure  
10 that significantly reduces production cost in comparison with the heretofore known shoes and makes it possible for replacing cover or sole of shoes.

While a preferred embodiment of the invention has been shown and described in detail, it will be readily understood and appreciated that numerous omissions, changes  
15 and additions may be made without departing from the spirit and scope of the invention.